

THE CONTEST

JUG



NEWSLETTER OF THE
NORTHERN CALIFORNIA
CONTEST CLUB

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PRESIDENT: W6ISQ
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AJ6V, WZ6Z

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TREASURER: AD6E
EDITORIAL ASST: KC6NFE

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FIRST INTERNATIONAL F & F TOURNAMENT

CLUE:

The Old Boys should do better in
the first "F" event.

BUT-----

The Young Squirts should do better
in the second "F" event.

THINK EFFENEFF

GOOD LUCK !

MARCH MEETING

ANNUAL AWARDS BANQUET
SATURDAY, MARCH 23
PLEASANTON HOTEL

Our Big Saturday Night Special,
a gala event with honors for our
stars, kudos and enjoyment for all.
Bring the XYL, the OM, visiting
hams, friends and cousins to share
festivities and a gourmet dinner.

RESERVATIONS ESSENTIAL

Menu Choice: Prime Rib
or Salmon with Hollandaise
\$25.00 each incl tax and tip
Mail your check, made out to
NCCC, and your menu choice, to
Treas. AD6E, before March 18.

This is the banquet everyone
looks forward to each year. Costs
a bit more, but not to worry! In
April we've got a mighty low cost
affair planned so the averages will
drop way down.

DIRECTIONS ON PAGE 17
Send Reservations Today!

CQP RESULTS

WINNERS, LOSERS, DETAILS
OF 1990 CQP CONTEST
SPONSORED BY NCCC

These results attached at the end
of this JUG, were compiled and
edited by Jim, WA6AUE who
began work in October and has
worked diligently ever since.

Jim writes, "All I can say is: I
can't believe what a great job Gary
(WA6VEF) did all those years on
this effort (and still does!). You
really learn to appreciate how
much work some people do ... "

CQP has become the best state
contest there is. But it's the
organizers who make it go.
WA6VEF did everything for years,
from publicity to grading logs. This
year WA6AUE did the grading and
as you see, there were about as
many contestants as in an Interna-
tional. MANY TNX, WA6AUE,--
A GREAT JOB OF COMPILING.

LAST MEETING

Say, we had another whiz-bang meeting 22 Feb at the Wagon Wheel. We welcomed Ed, VK8XX and XYL Mina, VK8MM deYoung who are visiting in the area. They were the folks who obtained the license for, and led the DXpedition to new country ROTUMA ISLAND a couple of years back. You will remember that our very own KIP, W6SZN was on that DXpedition and he was present at the meeting to greet our guests. They explained it was Mina who made the arrangements through friends on Rotuma for a place for the DXpeditioners to stay in and operate from. Mina noted that the JA ops were the most polite!

Round Table. Here are a few of the comments: BOB, N6TV, says that the Sprint is too fast a contest to use a computer. Use a pencil, he says. Never thought we'd hear that from N6TV! BOB, W6RGG, and ALEX, KI6EZ, told of bad problems at N6RO which involved a couple of computer logging systems going out and a few other failures. Sorry to hear this world class station is having problems. HOWARD, WZ6Z, told of super high noise problems as did Ollie, W6NV, both in East Bay. They are looking for someone in PG&E who can really do some good---not the usual. JOHN, N6JL, was in San Diego during the contest, but he stopped at K6UA enroute. UA apparently won the multi-multi with about 12.4 milli yun, John says UA's radio farm is awesome. WA6SDM worked hard to pick up a few new countries while the

sunspots are still excited. As expected, JIM, W6CF, gave his report in lushious limerick form. He also announced his contest to explain how the JUG got its name. (See elsewhere in this JUG). He wants imaginative prose to tell of the origin of this prestigious journal. We also welcomed HIROO, JA2EZD, who was in the area. Hiroo is a great DXer as well as contesteer. You will remember his operating from XU8. LARRY, WA0YQM celebrated his birthday with us and he received a DUB for the occasion. . Congrats to KIP, W6SZN, who reported he recently worked a new country, TJ1CW. PETE, W6XX, showed up for the first time in many moons and told of his outstanding effort of 40.

Rocky. KIP, W6SZN, made a very fine presentation to your humble editor, W6ISQ, of two small rocks from ROTUMA ISLAND brought here by the deYoungs. There was a beautiful little white "SSB" rock and a dark "CW" rock. These are for the DXCC rock collection being assembled by W6ISQ for the NorCal DX Foundation. Thank you kindly deYoungs and Kip. Most thoughtful and appreciated. Anyone else going on a DXped, please bring us a small rock from your DX location. tnx

Speaker. BRUCE, N6TU, who took us first on a delightful trip through Athens and Rhodes, and then to Saudi Arabia. Bruce had been there on a business trip last year and told of his ham activities from hotels and apartments using "no-see-um" dipoles.

He did amazingly well. He also spoke of the terrible smog problem there in Athens which is ruining that Greek capitol.

Bruce also took us to Saudi Arabia. He arrived there in August '90 just as the Kuwati invasion broke. His slides were most interesting, showing handsome architectural designs and attractive areas there. Bruce was sent through survival school so demonstrated for us how to put on a gas mask and how to wear the traditional head gear---the "gutrah"---known to Americans as the "table cloth and fan belt". Bruce produced a package of "MRE" troop rations known to GIs as "Meals Rejected by Ethiopia". Maybe they were tasty because he didn't offer to share them with us. Thank you Bruce for a most interesting and instructive presentation.

CQP. Results of the CQP were circulated and there was a hearty round of applause for JIM, WA6AUE, who did all the compilation work.

New Members. We welcomed KEN, KC6HRB, ex-JH1EWU and DAVE, AF6S into membership. Ken is new to contesting but with a little training, he should be a natural in M/M to run JA's! Dave is an old DXer who has contested many years. Welcome both. Good meeting!

LITTLE KNOWN FACT

At our last meeting, those present ordered 15 chicken, 10 fish and 9 beef. You had to win your dessert by being DUBBED.

THE BASIC LEARNING CURVE EXPERIENCE

We are on a learning curve here folks. I don't know what part of the curve, but it must be the flat part because it was much easier to let Pro Editor Pat, AK6T, who knew the tricks of these computers, do this computer sleight-of-hand.

To add to the fun, a couple 'lil goofs last month. Here's what:

Goof One was on the address page, detected instantly by W6RGG! He put on a packet message to me before he even took off the staple. Did you catch it? We used the wrong return address, a matter of great importance because the Danville one, (K6ZM's) is the center of our 175 mile membership area circle. It's gotta be so.

It happened as we were about to go to the printer. I realized we didn't have the HRO address page yet. So, I made up the HRO ad and typed in K6ZM's QTH as the return address. Ah, I says, now, if anything comes back, poor Phil will have to re-address all that material, so I'll help and put on my own address. Which I did. Right. WRONG! Thanks Bob, and a DUB to you for your alert.

Goof Two. The empty penultimate page. I didn't see it until I had mailed all the JUGs, and then it was too late to do anything about it. Furthermore, I couldn't figure out what should have been there. I was sure of the number of pages I took to the printers....well, almost. Couple of days later I had a call from W6CF who said, "You forgot the most important part of the JUG." "What was that?" I said. "My request for a contest to explain how the JUG got its name." Omagosh, that was it!

What did I do with it? I remember cutting and pasting that page. It had W6CF's JUG name contest, and AL, AD6E's, Treasurer's Report. I don't know what happened to that page. Must be somewhere between my waste basket and the print shop. W6CF's contest is in this issue. Please read it and enter. DUB prizes, and other Maxwellian goodies. Sorry and TNX.

We like your comments, and suggestions; shows readin'!

TROSTEROSTER

THANK YOU LOUESE..... Right here, at the top of the roster this month we want to thank Louese, KA6ING, for her hours of contest spotting on the 2-meter net and the packet net during the ARRL-CW contest. It was a tedious task, but she was in there all day and into the night, calling information on the 2-meter net that appeared on packet, and putting packet information on the 2 meter net. Both NCCC and NCDXC salute you, Louese, and thank you for yeo-person service, and for some of those extra multipliers!

JACKSON HOLE, MONTANA.... Remember last month we sent regards to NCCCer Wayne Mills, N7NG, way up there in Jackson, Idaho? Imagine our surprise to get a phone call from Wayne telling us he did not live in Idaho. He really lives in Montana, and the name of his town is Jackson Hole, not just Jackson! Sorry Wayne. The JUG has a couple of new reporters who have not yet been indoctrinated into the strict accuracy laws which

govern this organization. We'll goof it better next time. Come to think of it, Wayne, you mentioned checking into the Salt Lake City packet system, so maybe you're really in Utah. I sometimes get confused with them little states back east. We'll put our reporters back on this fast breaking story. Thanks for the call Wayne. Call again any time.

ARTURO EPPS, W6OAT, OFFICE MUSIC..... I have begun to judge business establishments by the type of music they put on the line during your interminable wait for the fellow you want to talk to. Too often it is something close to frantic, unnerving rock of some sort, that noodles your thoughts rather than soothing them. Happy surprise then, to call Rusty, W6OAT's, office. The switchboard operator says, "Sorry, he's on another line. Would you like to hold?" "Of course," I said. And low and behold, to my willing ears, comes floating the lilting finale of Swan Lake, at just about the point where the Prince demolishes Rothbard and then, in glorious crescendos, the Handsome One and his Odette fly off into the sunset. Every few minutes the operator broke in...."would you like to continue to hold?" "Yes, yes," I cried, "don't cut me off now. The swans are still circling the lake." I always weep bitter tears at this ending, so by the time Rusty comes on with his cheery, sing-song, "Hi, this is Rusty Epps", I holler, "don't be so happy. The swans just flew off into the sunset and eternity." I've forgotten why I called him, so I say officially, "What time is the next meeting?" Yes friends if you wish a pleasant moment and relief from a tense day at the office, give Rusty a call and

ask the operator to put you on hold for about 15 minutes before ringing Rusty. Close your eyes and glide with the swans, or Brunhilde, or soar through the Elysian Fields. Pleasure to do business with Rusty! P.S. What ever happened to Odile?

TIREDB TV.... BOB, N6TV sent this message to the JUG editorial desk after completion of ARRL-CW weekend and three hours' sleep: Q.What does N6TV eat after a long contest weekend? A. TV dinner.

JUG MASTHEAD..... Several months ago, editor , AK6T, AND I (ISQ), began planning a new masthead for the JUG. We wanted to go back to something like the original layout with a drawing of the jug itself. So of course, we contacted NCCC historian , JIM, W6CF. Naturally he had all the JUGS ever published and hence was able to send us a print of the old JUG. Sadly, PAT passed on before we got the masthead set up, but since it was planned we went ahead with the idea to use the old jug drawing. . We'll probably have a few more changes as we tinker on and have fun with it.

G0MFO.....With 49 minutes left in ARRL-CW, on 14 053.6, I swapped reports with NCCCer G0MFO. He said he had "over a milli-yun". It's great to have such representation in G-land. Congrats.

PLEASE PAY ATTENTION..... Not one of you readers wrote or packeted in to ask what that streaky stuff was coming out of the jug on the masthead last month! Not one of you! Shame. And not one of you asked why the lip of the jug pointed upward when the jug itself tipped downward. You've got to learn to pay attention to details and comment thereon.

The assignment now is to stretch your imagination and drop a note or whatever, to W6CF, telling how you think the JUG got its name.

AAAAAAAA

Imagine a picture of a fine antenna right here.

>>>>>>>>>>>>

This space reserved for advertising. Low rates. Inquire at JUG office.

>>>>>>>>>>>>

MEASURE YOUR OPERATING TABLE PLEASE... We'd like to know how high your operating table is. That is, from the floor to the surface whereon your rig sits. if you have computer logging, give us the height of that set up too. Send to me, W6ISQ, via packet or whatever. Tnx

ITALIAN BEES.....I sent a note to Cass, WA6AUD, asking how his Italian Bees survived the deep freeze . He promises details soon. But first there are certain spring-time duties which may distract Cass for a while. You see, as he once described in his CQ, Feb 87, DX column, it is that time of year when Cass leads the small devoted True Blue group back up into the mountains and canyons to pound out the Rights of Spring on ancient DX log. This ritual may go for days as they test bands and sun-spots. Stay tuned. The JUG will publish all in good time. Meanwhile, you are instructed to read by way of background information, Cass' DX column in CQ, Jan 88, to learn about experiments with

bees and RF and electricity. This is a fascinating stuff distilled from field experience, international apiary journals, and various encyclopedia. Must reading for all bee keeping contesters and other intellectual types like us.

CONCLUSION.....I want to pay tribute and thanks to XYL, MAGGI, KC6NFE, for jumping in last month to computerise the JUG. With manual in hand and several rescue operations via telephone to Howard, WZ6Z and Patti, N6BIS, the JUG emerged in publishable form. This month, piece of cake....ahhh..... make that DUB! Tnx Maggi. A DUB to you too.

THAT'S IT...for the Roster . Work hard & 73, JACK W6ISQ

#####

R. HALLMAN, KI3V/A9
NV AIR GUARD
152 TAC RECON GP
DESERT STORM APO NY 0960
Hi John:

Well, we are over 2 weeks into the war and all is going well. Our jets are flying great and they are all coming home safely. After their missions, we are still working 12 hour shifts, 7 days a week. But hope things will slow down soon so we can get a day off. I've been here over a month and a half and have had 2 days off. Both days I spent down at the Bureau of Frequency and Wireless licensing. Getting a license here is not such an easy task. First you must belong to the local Radio Club, before the bureau will run your application.

Sounds funny doesn't it. First you need to find an application for the Club--Ha. A92BE helped me there. After you fill out the club application, it goes to the Bureau for a security check. After the security check, it goes back to the club and the club board votes on it. After approval, the club gives the Bureau the approved club application, then the Bureau runs your license approval though yet another security check! After all this and about 2 months you might have your license!! Ha. I was told by A92FL that Lloyd and Iris Colvin when they were here had their license in several days. Wonder if they could help me?? Since I am on military orders and have a military ID, I don't need a VISA. The Bureau here has never done a security check without a VISA. Mine is a first with military papers and military ID. Hope this doesn't slow things up! Ha.

So far, my club application is in the Bureau for the security check. Maybe in a couple more weeks I'll have my license--the station is basically set up and ready to go!! It is my TS-930S, Clipperton-L, Keyer, Shure 444, A-D 4BTV. Propagation to West Coast sounds great from here. Long path on 40 (your morning) is super. W6YA is super loud along with KC7V, AA6XX, W6PU. Others heard have been W6REC, W0ZV. I have also heard 80 meters stateside on my long wire that goes around the tent!! Ha.

Legal power here is 400 watts, so the Clipperton-L should do just fine! Ha. YA0RR was super loud on all bands here also! Seems like

the best times for stateside west coast propagation here is sunrise-sunset. 40 & 20 being the best. 10 meters also has had some great openings to West Coast, but mostly East Coast sigs.

Well, I better get back to work. Thanks again for the letter and support. Again if anyone in the club can help expedite the license process, please let me know. AA7EN on packet is my point of contact. I talk to him weekly. Looks like May 15 is our date to leave or sooner. I hope sooner.

73 and trx agn,

Rich, KI3V/A9

Put one of W6CF's limericks in here next time.

SEMPER FIDELIS

*From the Halls of Montezuma
To the shores of Tripoli
We will fight our country's battles
In air, on land and sea.....*

Please read this from Bill, N6TIP

To: Members of NCCC
Date: Jan 27, 1991

I would like to inform you of my enlistment in the United States Marine Corps. I have signed up for a career in electrical maintenance. I will have a five year contract. I will receive monies in the Corps paying for 75-90% of my college

education while in the Corps, as well as money after my enlistment, with the GI Bill. I hope to be stationed, after my training, on the island of Guam. There is a college there and is a prime location for my DX and contest activities.

I do not have to report for basic training until August 13, 1991, so maybe the war will be over. If the war is not over, I will be honored to fight for the ideals of our country.

73 es good DXing,
Bill Philpott, N6TIB

Congratulations, Bill. Always room for a few good men, although I may be biased in my viewpoint. Please forgive me if I (your editor) am smitten by a wave of nostalgia. Bill's letter reminded me that two months from now, I will celebrate my own taking the oath with USMC.....50 years ago, on 9 May 1941. And I might say to Bill, 'You will be off on one of life's great adventures....Marine Corps Boot Camp. Listen carefully to every word the DI says!'

*If the army or the navy
Ever look on heaven's scene
They will find the angels.....*

Any other Marines out there who would like to complete those lines for the readership? Semper Fi, de W6ISQ.

THIS SPACE PROVIDED
TO THINK EFFENEFF

HISTORY OF NCCC

WRITTEN BY ITS FOUNDERS

Introduction: We have asked Jim Neiger, to lead off this series with his recollections of why and how the NCCC got started. Most readers know that Jim Neiger, N6TJ, ZD8Z, etc., etc., is one of the world's pre-eminent contest operators and has been so for the last quarter century. Some of you, however, may not realize that NCCC was his idea and that he was one of the founders.

He wrote the following while on a flight from Antigua to ZD8-land. Here it is. Enjoy.

HOW NCCC BEGAN

Chapter One by Jim Neiger, N6TJ

The concept of a contest-oriented club in the SF Bay Area was "kicked around" by myself and Rick - "The Locust" - Hilding, K6VVA around the 1965 - 1968 period. Rick and I were very active in the DX contests, as members of the Northern California DX Club, and could often be found, slugging it out, man y mano from K6ERV, K6OHJ, K6DXM, WA6GFY, or any other stations crazy enough to host us. Guess Rick and I were among the early "hired guns".

Rick acquired his nickname ("The Locust") during these operations, not necessarily for his prowess on the DX bands which was considerable (I still consider him to be the FINEST DX operator, Phone or CW, EVER, and

certainly of his generation), but rather for his in-contest reputation for cleaning out the host's refrigerator!

Anyway, back to the point: We were frustrated that the members of the NCDXC did not share our interests in launching major club efforts in the contests. The NCDXC - SCDXC rivalry in the ARRL DX contests was HUGE during the 1960s and although the NCDXC members liked the sweet smell of victory when the winner was announced at Fresno (it would be many years yet before Visalia was to be discovered), Rick and I felt that we, and a few others like W6CUF (now W6CF), W6WX, K6ERV, K6AHV (now W6RJ), K6OHJ, W6WB, were "carrying" the NCDXC.....and that this club really wasn't interested in contesting per se.

When I moved to ZD8 in April 1968, the notion of a "NCCC" was put on the back burner, but K6VVA and ZD8Z kept the idea alive during our frequent 20 meter skeds.

In July 1970, I finished a one year operation as 9Y4AA, and moved back to the Bay Area. Little did I realize that the August 1970 meeting of the NCDXC would become the final stimulus to the creation of the Northern California Contest Club.

I'm sure that many of those in attendance that fateful night will recall the turbulence of the business portion of the meeting. K6VVA wanted the NCDXC to

officially support Sweepstakes participation and entries (Rick liked to collect wallpaper, and certificates were only awarded to club winners if the club had at least three entries).

Someone exclaimed that NCDXC was a DX club and had no business sanctioning contests other than DX contests. I had the notion that the NCDXC could satisfy both the DXers and contest-minded, as had been successfully achieved for so many years by the Frankford and Potomac Valley Radio Clubs.

When my motion to accomplish same was soundly defeated, Rick and I ordered another 807 (what else was there to do??). When this frosty 807 arrived, I wrote on the cocktail napkin...."NCCC"! And the rest, as they say, is history. As I recall, others at our table who ordered 807s were W6CUF and K6EBB.

Within a couple of weeks, the Charter Meeting of NCCC was held in my town house in Santa Clara. Among those in attendance were W6BHY (N6TJ), WA6DKF (N6RO), W6RGG (N6KB), W6CUF (W6CF), K6EBB, K6CQF (K6PU), K6AUC, WA6UFW (K6RV), W6WX (silent key), and K6ERV (silent key).

Because it was my home, I was elected the first NCCC president. I think K6EBB was Vice-President, but I'm sure someone else has a better recollection of this than I do. W6CUF was the first editor of the JUG.

Immediately, of course, came conflict of loyalties.....the NCDXC and the NCCC. However, having done the damage, I beat a hasty strategic retreat from the area in July 1971 and let the battle wage.

It is hard to believe that 20 years have passed since the founding of the NCCC. I've kept my membership current, if not always as an active member. I guess, in retrospect, that the many accomplishments of the NCCC more than attest to the notion that Rick Hilding and I had a pretty good idea.

End

Ed's note. Jim has given us a great recollection of how he and Rick started the club. How 'bout the others of you who were part of that founding team, or one of the very early members, doing the same. Write us a few paragraphs about your memories of the beginning of NCCC. We'd all enjoy reading your recollections too. K6PU and K6AUC, how 'bout you next? You were there. What happened from your viewpoint? We want now to publish stories of the very early days. Later days will be requested after that.

THINK F & F

Be ready. Only another month to prepare. Judges and referees are in place. More clues next meeting.

Good Luck to All

NCDXC SACRAMENTO

There was a good NCCC showing at the Feb 8th meeting of NCDXC in Sacramento. I saw a good NCCC representation: K3EST, HIH, MA, RK, TMB, KA6W, YB, QM, EK, GG, IG, JV, ST, FEA, BIP, OSP, QHS, VG. K3EST was on "Steering Committee" and also "Hospitality". And indeed he steered and hospitalityed in fine fettle. Jim, N6IG, also seemed to be pretty hospitable, especially Sat. AM at W6GO's open house, where he was official guide.

Speakers were Mr. Onegan of Ham/Pro antennas, and Jay, W6GO, who spoke on----what else---packet radio. Jay mentioned there are 77 new improvements for the packeteers. We would all agree that packet is spectacular! I am especially enjoying the QTH list which tells me how old you all are!

Sat AM, W6GO/K6HHD hosted an open house at their ranch to show their great herd of feathered critters. Jan is the keeper of 19 greyling geese, 2 China geese, 2 dozen mostly domesticated mallard ducks, 1 pair of Muscovy ducks, a nice mixed chicken population, 2 cats, jack rabbits, skunks, racoons, quail, etc.etc! A most impressive herd.

Jay had a high tower and lotsa rigs. Just foollin' folks. Jay's antenna was even more impressive and spectacular than I had imagined. The station assembly was equally well done with a fine layout for either DXing or contesting. Jay's master packet station equipment was also on display. A very nice station and we all appreciated the chance to see it. Good donuts too! NOTE: Jay's operating table was 27 1/2 inches high.

We thank the O'Briens for so generously and warmly opening their home to all of us.



FOUNDERS
MEETING 1971
From left corner:
W6WX (dec.)
K6ERV(dec.)
K6CQF, (K6PU)
W6BHY (N6TJ)
K6ERV -XYL
W6RGG

Foto:N6TJ

RESULTS



1990 CALIFORNIA QSO PARTY

COMPILED by JIM DUFFY, WA6AUE

FUN!

"..Of all the contests, this is the best!" WA9MRU

"..I really enjoy this contest, and it's the only one I enter." NSCOP

THE season opener. The annual kick-off for the radio contest season: THE CALIFORNIA QSO PARTY. A chance to test those new antennas, push that amp, see if the computer works as a dummy load and crashes. It's also a chance to see old friends, maybe for the first time since an early summer contest qso. You will hear plenty of new, hesitant ops trying out radio contesting for the first time ever. "Enjoyable! My first real contest....I'm glad I picked this one to start" (KA3WSZ, 14 YEARS OLD).

Who won? Everybody won!

A record 414 log packages descended on Contest Headquarters in California (up 8% over '89); 153 from California (down 10 logs from '89) and 261 from outside the Golden State (up 45 logs from '89). We received entries from 48 states, 5 Canadian provinces, 16 DXCC countries, and 53 of California's 58 counties. Thirty one new, single-op records were racked up by the contest gang. Twenty four mobiles and county expeditions (CE) activated several dozen of those rare and hard-to-get counties.

People have fun in this contest: "What a pity that CA QSO Party is being held only once a year!" (LY2BRP, op at LY1BZB). "This was my first experience with the CQP..it ranks up with the best" (AAOAW). "This is an outstanding contest and all persons contacted in CA were very good sports and were very courteous." (K8OSF). "I work a bunch of the state QSO parties and none of the others are even close!" (N5OVV). "Thanks for having the CQP. I had fun. Its beats a lot of DX contests!" (K9JS). "Had a ball! Most fun in a long time." (W8AKS/6).

THE RESULTS: CALIFORNIA

SINGLE OPS

Last year's second place finisher, Jim N6IG, again operated from W6GO; however this year he smashed all opposition to take first

place honors. He collected 354.5k points to break the old Sacramento county record (set by him from W6GO in 1989). Operating from his cattle ranch in Modoc county, Duane W6REC, bettered his 1989 fifth place finish by scoring 284k points and snagging second spot. He broke the old '88 Modoc record by almost 20k points. Mike KA6SAR, pushed station N6VR into third position with a 279k effort from Ventura county. This bettered his '89 seventh place finish from the same station.

LOW POWER "Life is too short for QRP" (N6TU)
"Next year, I'll use an amp!" (N6TV)

The low power trophy this year goes to Bob N6TV, who scored 196.5k points and just missed the standing record by 1,200 points (W6AB '89). In San Diego, Charles W6UQF, came in a close second to Bob at 192k points. Operating from W6AB, Bruce N6GC (current record holder), snagged a third place showing. These crafty low power ops all finished in the top twenty at 10th, 11th, and 14th respectively. GOOD SHOW!

Congratulations to the following ops who set new CA county records: W6REC, W6FSJ, NC6U, W6GO (N6IG, op), WA6FGV, K6HIH, WA6ZBX, and W6BSY. FB JOB!!

THE CALIFORNIA MULTI-OPS

There were plenty of multi-single efforts this year when you consider some operate from "home" while others chose the field day type experience of a county expedition. The expedition type operations generated the big scores in this class. KS6H (+N6ZB) tallied 265.7k points to run away with the multi op county expedition prize. In second place was NI6W (+N7CW, K9VV) with 255.7k points from Imperial county. The K6TMB (+W6SZN, W6OAT, KSXI) high rollers came in third place with 225k points from Placer county (adjacent Stateline, Nevada).

Those multi-singles not in the county expedition class (CE) were led to the finish line by WA6PZL (+N6ENU) with 179.8k points

operating from Ventura county. Taking second place from Santa Clara county was KJ6FD (+KB6NLO) scoring 177.5k and in third was AA6MV (+N6ULI) from Santa Cruz.

THE RESULTS: OUT-OF-STATE

"The Black Hole strikes agn! The 10 meter pipeline from WIS to CA is awesome." (NOBSH/9)

The Black Hole (Wisconsin, Michigan, Indiana, Illinois, Minnesota) did hit again. Hard. This is the part of the country that seems to be a tough QTH for most contests, but ops in the Black Hole do well in the CQP. Mike, NOBSH/9, operating from Wisconsin, blasted last year's record-setting performance by KB9S and scored the highest score ever recorded outside California (160k). For the second year in a row, K4XS captured second place; this time with station owner Bill at the helm. And in a photo finish for third place, transplanted sharp-shooter Gary, VE7NTT (aka WA6VEF) edged out fourth place finisher Gerard, KE9I by 23 QSOs. A peek at Gary's log will underscore the difficulties one faces from a QTH so close to California. He had only 43 QSOs on 10 meters (KE9I had 640)!! Gary was forced to make at least 158 band changes during the weekend and was also overheard making QSOs on the YLRL nets, QRU nets, and the Geritol nets.

LOW POWER: "Life is still too short for QRP" (N6TU).

Once again this year, the Black Hole (Minnesota chapter) produced the top low power station from outside California. KFOT, Tom, pushed his 100 watter in for 67k points, and placed 13th overall. Close behind in low power second place (and #16 in the USA) was Bob WA1FCN, with 61.3k points. A fine accomplishment from New England. Congratulations to the following stations from outside CA who set new records in their state/province: KK4TE, WA5SOG, WA1FCN, NX3A, K4XS, KE9I, WBOYJT, KM4FO, NB1B, N5OVV, KOPP/7, KD0EE, K4LTA, K6XO/7, K7QQ, KC8FS, NOBSH/9, VE4VV, and VE7NTT. FB!!

DX IS: "It's amazing how Gintas at LY2WW finds my mobile signal so consistently, year after year!" (WJ6Q/M)

"Nice Contest" (IK4GNH)

Overseas activity was hot and heavy for this contest. Thirty-three "DX" stations submitted logs this year compared to twenty-seven in 1989. If you operated from California, you probably remember having a DL, LY or a wiley 4U1 climb over your pile-up of W9s and WBSs. K4XS said, "Got beat to CA by Italians and Spaniards in 1st hour of contest!". Tree, N6TR, operating 4U1ITU,

edged out Gintas LY2BKW, operating from LY2WW. The margin was about 100 QSOs and Tree set a new European record for the CQP, while finishing in the top twenty! These two were everywhere on the bands. At the finish line Gintas said, "Well done Tree, the wine is on me". Third place in Europe went to another of the five LY contestants who sent in logs. Saulius, LYR17S1 operated from LY2Z0 and racked up 28.2k points. In Asia, the old record of 5k points was shattered by JH7WKQ with a fb score of 20.5k (173x47). Tatsuya's fine effort has given the Asian ops a tough target to shoot at in the future. Second place went to JP1BJR followed by JH1UUT in third spot. A new N.American DX record of 8.5k points was established by Isaac, NP4P. Our African entry was Tom at 5H3TW who managed to snag a few CA stations with his 100 watts and a whip ten feet off the ground. LU6EF, Raul had a fine effort from South America.

Novice/Technician (N/T) RESULTS

Sixteen novice/technician entries were received and once again KB6HWZ Greg, set a new N/T record from Shasta county. His 50.9k score upped the old 47.3k California N/T mark. In second place was Tim, N6WIN with 29.8k. Outside California Bob, N9ICH repeated his feat from last year and took top N/T honors again. His 18.3k score was followed by the 14.1k posting of KA1SSU, Ray. The 14 year old from Maine also took top spot in his state! Congrats to Greg, Tim, Bob and Ray.

COUNTY EXPEDITIONS (single op)

Some operators venture out-of-town to do county expeditions and set up their stations, antennas, generators, etc., from scratch. These brave souls withstand many hardships: cold wx, cold food, cold feet, cold dice-tables.

Once again Larry K6AAW, showed us all how to do a county expedition. Operating from the Siskiyou/Trinity county line, his 123k points snagged a first place finish for the 2nd year in a row in this class. Coming in second was John N6JM, from Sierra county; and placing third was our only Mariposa entry Herschel, AA6QY. Other ops braving the elements who deserve our thanks: W6TVP on the Trinity/Shasta county line; N6OM with his 100 watts and a vertical from Butte county; N6AU handing out Alpine, Mono and Toulumne counties; WA6FIT also dished out several hundred QSOs from Toulumne and Inyo; in Kern we had N6LL; WA6BIL pushed San Bernadino county; and WA6OZZ put on Modoc. Congrats and thanks to these brave expeditioners..

MOBILE SIX "Sure is fun to turn a business trip into a drive thru CA countryside and activate some counties!" (WM2C/M6)

Whether marine mobile or auto mobile, the ops in their vehicles provide many QSOs from often rare counties. WJ6Q/M racked up 500+ QSOs from Tehama and Shasta counties to snag the Most-QSOs-BY-A-CA-Mobile award. The boys at K6MO/MM (+N6KG) provided 400 QSOs and four counties from the "4 corners" area in San Francisco Bay. Ken, WM2C/M6 handed out seven counties as he motored across the State on holiday. Another marine mobile was N6IFW/MM from San Joaquin county and N6GKY/M handed out a few from Contra Costa. THANKS TO ALL!

SWEEPS

This year eight single-op stations managed a sweep of all 58 CA counties: K4XS, K9ZO, KE9I, NB1B, N5OVV, KVOI, NOBSH/9, VE7NTT. In twenty-five years of the CQP, this has only been achieved by 17 stations.

SPECIAL AWARDS

Once again the NCCC wine collars flow forth to reward those ops skillful and sneaky enough to make the top twenty.

TOP TWENTY

CALIFORNIA: N616 (at W6GO), W6REC, XA6SAR (at N6VR), KI6ZH (at K6XT), MC6U, N1FEA/6, KAHIN, W66HUE, W66FGV, NATV, W66HOF, VE7NKI (at K66TY), N1EE (at W6BIF), N66C (at W6AB), N6EX, X16CH, W6JTI, W6TKV, N6HC, W68SY.

OUTSIDE CALIFORNIA: NOBSH/9, K4IS, VE7NTT, KE9I, KVOI, NB1B, X4LTA, N1CC/2, K9ZO, N5OVV, K6IQ/7, AA5JF/2, KF6T, K2TA, W67B, W6IFCN, KOPP/7, N6TR (at 4U1ITU), WJZO, K7QG.

CALIFORNIA CW QSOs AWARD (S/O):

(Sponsored by K4TKH)

XA6SAR1 (at N6VR)

OUT-OF-STATE CW QSOs AWARD (S/O):

(Sponsored by K4TKH)

W6SPW1

CA MOBILE S/O or TEAM WITH MOST QSOs:

(Sponsored by Redwood Empire QX Assn.)

WJ6Q/M1

LOW POWER CHAMPIONS, 200 watts or less:

W6ATV1 California Winner

W6FOYR Out-of-state Winner

NOVICE/TECHNICIAN HIGH SCORER:

(Sponsored by K66ING)

W66HMI California Winner

W6VICH Out-of-State Winner

TOP DX STATION:

(Sponsored by W6TKV)

W6ATR1 (at 4U1ITU)

This is a tough accomplishment, and these stations are to be congratulated. WOW! FB!

In California, only six single-op stations were able to snag all 58 states and provinces: N6TIB, W6REC, W6GO, K6XT, W6AB, N6VR. In 1989, over twenty-seven ops claimed a sweep. The elusive VEB was the multiplier missed by most of those not managing a sweep.

SOAPBOXES: CALIFORNIA

Last year relatives visited, this year TVI visited! (K7JYE/6). My first contest for score: had a blast (W6ROY). Had to quit the contest and work the church BBO! Shucks! (W6DDB). Enjoyed the contest; not sure my wife did! (KI6PG). Got laryngitis after the first hour! (W66O). No contesting from a CQ zone lower than 7! (AI6V). Low score due to opening of deer season (W66OZZ). Hardest thing to find on the band was a clear TX frequency! (W66CKT). These computers are great logging devices, but sure can screw a guy up if not careful! (W6KNR). First contest in ten years (NODJJ/6). This and the WPX are the only contest in which anyone answers my CQs! (AE6Y). Had two cars on the blink, only did 8 hours (N6ARO/6). My guest op, KI6ZH, had a great time: just give him two 6-paks of Jolt cola and a bag of Fritos and he's ready to go!! (K6XT). No antennas over 5 feet above roof. (NE6I). Thanks to Mom KA6ING, and Dad KD6XY for the use of their station (VE7NKI/6). Worked VY1AC/HK3 and gave him hell for not being back in the Yukon! (W6UQF). NO VEB! (W6TKF).

Spent too much time tracking down my final two mults: VE6 + VE8. (N6GC at W6AB). Can I trade any of the following in on a VEB: BY1, VS6, VU2, 3B8, SV7? (N1EE/6). Operated at 9670', very cold in the sleeping bag (N6AU/6). Cold! I gave up my plan to work 80 meters and chose the sleeping bag! (W6TVP/6). Too much work, not enough radio (N16W).

SOAPBOXES: OUT-OF-STATE

Thanks to all of the W6 stations who dug out my weak backscatter sig from Utah (K6XO/7). Who let these Calif. carpetbaggers into Utah? (W67B/Utah). This year I was serious and on time! (W6IFCN). Maybe next year I'll go mobile six again in 27 CA counties! (AA4NC). Told my wife: that dancing party on Sun. afternoon was no good idea! (DL4RX). Was mobile; hard to keep the log without accidents (N8NA/M4). Was my 15th consecutive year in the CQP! (W6SDTK). Organizers do a fb job, could give lessons to other state QSO parties! (K8HVT). Not in the hunt for your vino; we got some pretty good sipp'n shine in WVA (KC8FS). The CQP and the PA QSO parties are only ones I participate in (NX3A). Keep up the high standard of contest excellence (W62UDT). Gud contest, first time (KE2CG). Great contest (K7WA). Best state QSO party around (NOBSH/9). Surprised at the number of

TOP TEN BREAKDOWNS

OUT-OF-STATE

CALL	SCORE	10s	10c	15s	15c	20s	20c	40s	40c	80s	80c	0s	0c
W9DSH/9	160,080	762	68	104	45	116	40	89	39	8	7	1	1
K4XS	138,968	550	45	94	53	219	46	57	40	2	0	0	0
VE7NTT	114,956	23	20	149	55	301	65	121	47	51	24	7	15
KE9I	113,564	598	42	39	31	97	51	8	30	3	1	0	0
KV0I	111,012	538	58	91	36	69	53	10	19	0	0	0	0
NB1B	93,496	302	42	126	52	68	61	21	31	4	4	0	0
K4LTA	83,985	152	47	115	69	103	55	44	60	0	2	0	0
N1CC/2	75,126	218	44	139	51	84	42	2	7	0	0	0	0
K9ZD	73,428	155	40	106	61	88	46	23	27	0	0	0	0
N5OVV	73,312	524	2	50	0	48	0	7	0	0	0	0	0

CALIFORNIA

CALL	SCORE	10s	10c	15s	15c	20s	20c	40s	40c	80s	80c	0s	0c
W6GD	354,554	1581	98	269	118	357	78	71	102	57	48	24	21
W6RET	284,026	1207	77	39	114	310	159	110	99	54	10	10	20
W6VR	279,792	801	154	124	245	296	175	102	104	37	7	11	9
K6XT	245,862	832	103	295	105	332	41	109	81	32	13	6	0
NC6U	244,104	898	151	324	103	202	65	83	93	33	21	0	0
W1FEA/6	238,032	881	89	165	94	306	109	129	95	22	29	0	14
K6H1H	227,864	747	105	312	127	275	111	61	65	2	3	9	8
WA6AUE	225,777	774	126	80	131	211	105	81	80	49	50	16	21
WA6F6V	213,009	810	66	331	56	205	154	36	31	26	0	0	0
N6TV	196,504	420	161	247	155	153	116	45	71	48	29	9	17

counties workable! (KE9YR). I was CQing for CA and H21AB called me! (KR4M). Thanks for the invite (KC1CU). Worked 11 new counties! (EMCQT). Eleven new counties (W8EAO). This was my first attempt at computer logging and QRP; not too sure about the computer (KC1BS). Apologies to those I duped; computer died on fourth QSO (WB7TJ1). CW ops would get more action if they didn't try to break the sound barrier (KC21O). Too few CA stations in contest; long waiting lines (W8FEC). I like these major contests! (AB4LX). A county hunter's dream come true (WA9PQY). Many ops thanked me for Quebec, in French! (VE2UL). WJ6Q/M gave me Tehama for a sweep (NB1B).

THANKS

Many people work together to make this event the success that it is. Gary VE7NTT/WA6VEF, and Niki VE7NKK handled the publicity, and did some fund raising. Using letters, flyers, telephone and dog-sled, they are the primary reason for the FB turnout. de KBOFDQ: "I want to thank Gary and Niki for sending me the info on the contest. I'm not sure how I came to receive the package; but this was my first contest and I really enjoyed it." I think that note from Nancy KBOFDQ, says it best.

Other hard workers were area-coordinators fielded by the NCCC Vice President, Bob N6TV. These people helped get 58 California counties active: KI3V/7, N6KT, K6LRN, K6KLY, KI6EZ, N6EK, W6ISQ, K6ZM, KA6ING, W6BSY, N1EE/6, AD6E, WB6MZQ, NC7K, WA6AUE.

A very big round of applause for Bruce, W6OSP for keeping the NCCC wine cellars well stocked; and to Bob, N6EK for managing the awards. Howard, WZ6Z mailed the awards.

And without our fine sponsors, our walls wouldn't have any "wallpaper". A very large round of applause for the following sponsors: W6TKV, K4TKM, KA6ING, W6JTI, WJ6Q, K6MP, WA6OTU, WA6ZBX, N5OVV, VE3BQL, the Palo Alto Radio Assn., and the Redwood Empire DX Assn.

BE READY FOR CQP-1991. OCTOBER 5, 1991

THANK YOU ALL VERY MUCH

73, Jim WA6AUE

TOP RADIO CLUB ACTIVITY AWARD

(Sponsored by the Palo Alto Amateur Radio Assn.)

Only one California radio club submitted the required 5 logs for the Palo Alto award. We did however have nine clubs listed on various summary sheets.

Sierra Valley REC 457,005
(K6H1H, W6VR, WA6US, W1AF, W6QY, WA6EP, WA6VS, KA6FBI, KA6FDH, WA6VF, KK6CJ)

Southern California Contest Club 713,091
(N6U, WA6OF, WA6UF, N6NC)

Sierra City Contesters 448,081
(WA6O, KF6A, EV6M, K6SG)

Northern California DX Club 322,847
(KA6HE, WA6R, K6DR)

Little Guy Contest Conspiracy 132,905
(K1AVC, WA6RIE)

Redwood Empire DX Association 98,527
(K6LRN, K6ML)

Cal Tech Radio Club 19,272
(N6LL)

FINAL SCORES:

Call, score, total QSOs, total CW
QSOs (in parentheses), multiplier.
As = new single-op contest
record; (N/S) = multi-single; (CE)
= single-op CA county expedition;
(MCE) = multi-op CA county
expedition; (N/T) = Novice/Tech;
M = mobile.

CALIFORNIA:

Alameda

W6EX 176,928 1264 (572) 57
K6CSL 7,740 96 (44) 30
K6ARE 147 7 (7) 7

Alpine/Mono/Toujahu

W6AU/6 (CE) 22,184 208 (54) 47

Alpine

W6GEXR 9,272 122 (8) 30
K160S (+W6GL, W6THR, K6ALVA) (MCE) 21,238 259 (8) 41

Anderson

K6RPH 64,584 414 (414) 52

Butte

W00JJ/6 44,971 307 (307) 51
W6OM (CE) 25,871 216 (199) 41

Calaveras

K6RK 39,985 354 (18) 55

Central Coast

W6ANZO 84,800 540 (8) 50
AK6T 29,388 211 (143) 52
W6GKT/R 3,672 60 (8) 27
W6ZM (+W64IU) (N/S) 27,495 264 (79) 45

Central Coast/Marin/Solano/Soboba

K6HO/MR (+K6KG) 52,185 401 (263) 49

Del Norte

W6AUN 44,361 418 (1) 53
K6HY 41,973 257 (109) 51

El Dorado

W6TIB 159,616 1227 (298) 50
W6SUN 151,050 1325 (8) 57

Fresno

W6GJT 101,134 903 (8) 56
W6GTM 2 1 (8) 1

Glenn

W6AE (+W6AFB) (MCE) 133,896 1034 (323) 56

Goldfield

W6JTI 169,736 1294 (443) 56

Imperial

W16W (+W6CH, K9VV) (MCE) 253,759 2043 (401) 57
W6RTV (+K6JINC, W6TV, W670T, W6GKE, W6PPJ, W67CD, K67IN, K160Z, K6AOP, K68JGU !!) (MCE) 8,344 107 (8) 39

Imperial

W6AFIT (CE) 4,148 106 (8) 29

Kern

W6AKS/6 121,182 1063 (8) 57
K16VC 90,805 824 (3) 55
W6GRE 42,000 319 (114) 56
W6LL (CE) 19,272 219 (8) 44
W6AO 14,560 182 (8) 40

Los Angeles

W6HC 148,334 1306 (394) 56
W6DOB 24,552 104 (186) 44
K6DHM 7,808 122 (8) 32
W6200H/6 2,140 36 (8) 30

Redondo

K06FU 142,800 1275 (8) 56
W6L 63,664 514 (151) 54

Marin

K6LRN 55,272 435 (258) 49

Mariposa

W6DOT (CE) 52,091 347 (347) 51

Merced

K6GE (+W6TBL) (N/S) 65,090 599 (8) 55

Merced

K6M (+W6IB) (MCE) 265,791 2006 (651) 57

Modoc

W6REC 284,026 2209 (479) 58
W6AZZ (CE) 2,090 55 (8) 19

Monterey

W6CKT 35,344 338 (76) 47
W6TEL (+W6CB) (MCE) 176,512 1433 (284) 56

Napa

W6F5J 105,393 735 (379) 57

Nevada

W6AUE 225,777 1724 (513) 57
W6ZC/M6 448 16 (8) 14

Oxnard

W6CAU 244,104 1963 (433) 56
K6APU 60,904 642 (8) 46
K7JTE/6 56,304 391 (391) 48
W6ARO/6 26,445 261 (93) 43
K16YE 19,440 221 (8) 44
W6DFA 18,128 206 (8) 44
W6MCH 7,676 101 (8) 38

Pacific

W6RFF 25,800 285 (146) 50
W6ZC/M6 364 14 (8) 13
K6TMB (+W6SZM, W6OAT, K6XI) (MCE) 225,321 1753 (447) 57

Pomona

K77AR/6 39,680 264 (264) 50
K6VH 17,876 216 (4) 41

Riverside

W6TEV 169,347 1478 (15) 57
W6EEN 40,198 422 (8) 57
W6ME 9,724 143 (8) 34

Sacramento

W6GO (W6IG, OP) 354,554 2024 (445) 58

W1FEA/6 238,032 1893 (390) 57
W6JV 60,792 442 (308) 51
K6VH 54,908 518 (8) 53
K6DR 43,804 371 (190) 47
K6FA 26,944 214 (214) 42
W6MCR 22,932 182 (182) 42
K16CA 18,900 180 (180) 35
K6SE 11,655 111 (111) 35
W6ZC/M6 336 14 (8) 12

San Bernardino

W6HML 69,207 342 (273) 51
W6MTR (N/T) 29,820 355 (8) 42
W6LVVS 24,811 211 (155) 43
W6MOT 19,152 152 (152) 42
W68IL (CE) 4,843 69 (29) 29

San Diego

K6XT (K16ZH, OP) 245,862 1948 (343) 58
W6UOF 192,090 1404 (562) 57
W6ET 158,916 1090 (608) 57
W6MYH 93,060 572 (548) 55
W6UFT 72,985 604 (119) 53
W6APC 27,675 225 (225) 41
W6HSE 10,044 148 (8) 34
K6EYZ 6,732 182 (8) 33
W6EE 3,538 47 (47) 18

San Francisco

W6TIP (W1EE, OP) 179,721 1384 (385) 57
K6ILH 62,381 524 (129) 53

San Joaquin

W6FAM 59,220 559 (21) 52
W6SUT 32,340 245 (245) 44
W6IFW/MR (N/T) 3,960 64 (8) 31
K16DL (+K68TH, W6KMR) (MCE) 174,420 1522 (16) 57

San Luis Obispo

W6TIF 158,346 1209 (360) 57

San Mateo

K6XT (VE7HKI, OP) 188,385 1626 (83) 57
W6MF 35,415 365 (57) 45
W6ISO 24,108 210 (154) 42
W6KZJ 3,450 46 (46) 25
EC6MFE (N/T) 520 20 (8) 13

Santa Barbara

W6AFV 213,009 1715 (307) 57
W6AB (W6C, OP) 179,394 1368 (357) 50
K6GT 88,457 646 (377) 53
W6ZJH 84 7 (8) 6

Santa Clara

W6TV 196,504 1880 (549) 56
K16CS 176,848 1579 (8) 56
W6KEX 128,425 1032 (271) 55
W6ET 92,448 675 (362) 54
W6MRE 26,424 256 (8) 52
K16T 7,491 101 (25) 33
W6MRF 6,072 92 (8) 23
W6SSR 5,053 58 (47) 31
W6PR 3,900 50 (50) 26
K16FD (+W6MLO) (N/S) 177,596 1531 (8) 58
W6GZ (+W6MET) (N/S) 22,264 225 (54) 44

Santa Cruz
 NS6V 126,000 907 (426) 56
 AA6RV (+M6ULI) (N/S)
 76,704 816 (0) 47

Shasta
 KJ6GO 151,760 1355 (0) 56
 M66MHZ (N/T)
 50,968 554 (0) 46
 MB6SR0 25,578 261 (0) 49
 MJ6G/H 19,776 206 (0) 48

Sierra
 N6JH (CE) 53,742 416 (102) 53
 MK2C/M6 18 3 (0) 3

Siskiyou
 MB6MB 61,020 560 (10) 54

Siskiyou/Trinity
 K6AAH (CE)
 123,519 1020 (127) 57

Solano
 K6AH/H 227,864 1825 (419) 56
 KX6H 125,888 1124 (0) 56
 KX6F 12,012 124 (40) 39
 AA6GH 10,472 111 (86) 34
 M6ROY 10,179 117 (117) 29
 MB6WS 5,244 69 (0) 38
 M6MYF 2,288 44 (0) 26
 K6GFD 1,666 49 (0) 17
 KX6CJ 1,360 40 (0) 17
 K6GDM 2 1 (0) 1
 MB6UG (+M6JSH, AA6XU) (N/S)
 61,830 607 (0) 45

Sonoma
 K6GEC 58,800 393 (390) 50
 K6G0CL 49,712 363 (230) 52
 K6GUL 3,255 52 (1) 31

Stanislaus
 M6AGZBX 154,926 1359 (0) 57
 M6ZE 62,552 841 (35) 56

Sutter
 MK2C/M6 432 18 (0) 12

Tahoe
 MJ6G/H 30,870 295 (40) 49

Trinity/Shasta
 M6TVP (CE) 27,400 229 (229) 40

Tulare
 M6IFC 14,391 117 (117) 41

Tuluma
 M6AFIT (CE)
 21,756 222 (0) 49
 KX6PG 14,010 163 (0) 43

Ventura
 M6YF (K6SAR, 0P)
 279,792 2065 (694) 50
 KX6CT 43,778 606 (14) 53
 K6MP 1,162 32 (19) 14
 M66ZL (+M6ERU) (N/S)
 179,892 1321 (514) 57

Tolo
 MK2C/M6 260 13 (0) 10

Tuba
 MB6SY 162,849 1364 (129) 57
 MK2C/M6 252 14 (0) 9

USA/VE/DI

Alabama
 KX6TE 48,345 430 (19) 55
 AA6UF 23,409 222 (15) 51
 M64VEK 9,990 111 (0) 45

Alaska
 KL7AF 14,160 118 (118) 40
 AL7LU 9,072 84 (84) 36

Arizona
 N7JXS 18,814 170 (71) 46

Arkansas
 M6ASS06 22,997 313 (21) 51
 M6SVDE 19,649 183 (35) 49
 M6MHT/S 9,760 111 (0) 44
 KX5H 8,586 113 (0) 20
 M6SRYR 3,224 49 (6) 31

Colorado
 M0IZV 7,585 62 (61) 41
 K6780/0 377 14 (1) 13

Connecticut
 M6AIFCN 61,309 429 (219) 57
 K6MYT/1 52,864 402 (140) 56
 KX6V 30,856 251 (103) 51
 KX7H 20,482 165 (88) 49
 M66G/1 5,740 81 (2) 25

Delaware
 M6X3A 55,746 489 (0) 57
 KX6EP 36,612 285 (108) 54
 K6JUS2 8,658 111 (0) 39
 AD3T 2,162 40 (14) 23

Florida
 KX6ZS 138,968 1106 (184) 58
 M64E 32,948 261 (112) 52
 M6OKD 12,760 336 (112) 30
 M6S0TX/4 5,402 69 (0) 37
 M64F 4,402 59 (0) 39
 M64KJH 200 10 (0) 10

Georgia
 AA6GA 30,319 293 (137) 53
 KX6H 35,220 264 (72) 55
 M64LX 29,375 258 (109) 47
 M64V0 17,514 139 (139) 42
 M6UZ 14,514 118 (118) 41
 KX6GTD 12,440 106 (99) 40
 M64MR 8,658 105 (12) 39
 M64HQ 2,378 41 (0) 29

Hawaii
 KX6DLH 7,800 100 (0) 39
 M64HF 2,813 43 (11) 29

Illinois
 KX6Z 73,428 544 (174) 58
 M6FFZ/9 33,904 222 (200) 52
 M69F 15,900 159 (0) 50
 M69POT 13,632 116 (52) 40
 KX6TR 10,230 107 (96) 33
 KX6CTJ (N/T)
 8,568 102 (0) 42
 M6YD 8,268 96 (36) 36
 KX6CY/M 7,056 84 (0) 42
 M69MRU 4,320 53 (29) 32
 M69R 1,400 32 (0) 22

Indiana
 KX6Y 113,564 901 (154) 58
 KX6C/9 35,226 309 (0) 57
 KX6JH 17,160 143 (143) 40
 M6YV 8,904 106 (0) 42
 KX6JS 6,536 86 (0) 30

Iowa
 KX6GH 34,542 283 (0) 57
 M6JTC 20,286 147 (147) 46
 M6H6B/M 5,370 74 (31) 30

Kansas
 M60YJ3T 41,776 373 (0) 56
 M6OF 34,476 271 (134) 51
 M60B 14,476 154 (0) 47

Kentucky
 M6HFO 53,808 412 (120) 57
 KX60VP (N/T)
 11,316 123 (0) 46
 M6HID (N/T)
 10,272 107 (0) 40
 M64JLT (N/T)
 9,564 100 (0) 46
 M64OR0 9,292 101 (0) 46

Louisiana
 KX6HP 28,488 250 (27) 54
 KX6II 17,664 176 (16) 48
 KX6KTX (N/T)
 8,000 100 (0) 40

Maine
 KX6SSU (N/T)
 14,100 150 (0) 47
 KX6EAP 7,828 103 (0) 30
 M6HFC 3,816 53 (53) 24
 KX6BS 3,564 54 (0) 33

Maryland/DC
 M6FG 19,440 158 (116) 45
 M6YMR 7,120 89 (0) 40
 M6XN/3 4,002 46 (46) 29

Massachusetts
 M6B18 93,496 711 (190) 58
 M6LOCH 10,920 160 (127) 40
 KX6SP0 (N/T)
 9,632 112 (0) 43
 M6LXP 820 20 (0) 13

Michigan
 KX6D 20,290 170 (50) 51
 KX6SF 12,874 157 (0) 41
 M6YVU 12,400 100 (100) 42
 KX6PJ 4,284 63 (0) 34

Minnesota
 KX6T 67,144 476 (247) 56
 M62MNO/0 53,254 433 (85) 56
 M6YB/0 30,784 244 (104) 52
 KX6FDO 28,322 289 (0) 49
 KX6GV 26,877 263 (1) 51
 M6HJZ 25,272 234 (0) 34
 M60IT 8,840 110 (1) 40
 KX6J/0 1,825 34 (5) 25
 M60M (+M60BT) (N/S)
 100,108 706 (166) 58

Mississippi
 M6S0V 73,312 631 (2) 58

Missouri

KB6LO/O	25,700	257	(0) 50
WB0GFV	13,854	120	(0) 51
W0HVV	8,976	88	(88) 34
WA00TV	3,276	37	(37) 20

Montana

KE0PP/7	57,855	429	(157) 57
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Nebraska

KV01	111,012	874	(166) 58
AK06	22,350	199	(49) 50

Nevada

K1JV/7	24,624	219	(75) 48
AA7EN	1,260	35	(0) 18
KB7GAP	1,134	27	(0) 21

New Hampshire

W1UN	975	22	(21) 15
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New Jersey

WB2DIN	39,591	343	(61) 53
WA2UOT	20,153	247	(105) 47
W2KMT	24,769	207	(113) 47
WA2MCT	24,844	215	(95) 47
KE2CG	23,000	250	(0) 46
W2KZH	22,419	151	(159) 47
EC2IO	6,956	82	(24) 37
E2EWA	6,734	91	(0) 37
AE2N	3,360	40	(40) 28
E2RYN	120	8	(0) 8

New Mexico

KS00	13,905	129	(51) 45
WSTTE	11,800	104	(87) 40
KN55	5,264	73	(0) 34
KN6JXY/S (+K70P) (N/S)	44,631	346	(91) 57

New York

W1CC/2	75,126	NNT	(144) 57
WA5JF/2	69,711	522	(179) 57
X2TA	65,296	481	(204) 56
W320	57,790	418	(214) 55
WNTJ	32,188	250	(119) 52
W2HG	31,875	250	(125) 51
WXRZ	7,200	100	(0) 36
KE2VF	2,700	50	(0) 27
KB200V	2,448	102	(0) 24
W1SFJ/2	2,016	42	(0) 24
W2ZH	1,520	34	(0) 20
WNRZ	1,440	23	(14) 24
W2KJX	1,260	30	(0) 20
E2AU	1,170	27	(24) 15
W2H55	360	12	(12) 10
WB2AJ5 (N/T)	264	12	(0) 11

North Carolina

KG1N/4	10,260	114	(0) 45
WBNA/W4	5,440	50	(54) 32
AA4MC	1,920	39	(2) 24
KS45	918	22	(10) 17

North Dakota

WB00	11,836	106	(57) 44
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Ohio

WBLYS	43,300	348	(170) 50
KBPMG	17,448	181	(35) 44
K0HR	16,469	153	(73) 43
WBFEK	11,316	92	(92) 41
WB5ST0	8,254	96	(0) 43
KB2ZJ	8,190	105	(0) 39

ORIOCTI (N/T)

	5,168	48	(0) 38
KB0K0X (N/T)	4,012	59	(0) 34
WV08	3,810	55	(0) 31
WB0EAO	3,750	46	(33) 26
WB0TV	1,804	41	(0) 22
WB0ED	98	7	(0) 7
EABD (+W0R, W0LLD, W0BAU) (N/S)	36,764	305	(97) 52

Oklahoma

KSMB0	22,896	216	(0) 53
AA5MH	1,170	26	(26) 15

Oregon

AA7CP	18,582	163	(163) 38
W7BU (W7IXL, 0P)	6,789	219	(5) 31

Pennsylvania

W3RJ	26,558	208	(126) 49
W3HWE	17,014	181	(0) 47
E3TX	16,974	165	(39) 46
W3XH	16,686	152	(37) 46
W3FJY	14,812	161	(0) 46
KA3HHH	9,583	93	(73) 37
EC3ZZ	8,400	100	(0) 42
W3CF	7,904	104	(0) 30
E3CP	7,372	81	(32) 38
W3B6V	3,472	46	(32) 28
WV2B/3	3,348	49	(10) 31
W3HGO	3,120	40	(40) 26
EC3XD	2,938	51	(0) 29
W3TDF	2,280	38	(0) 30
W3CZB	1,800	25	(25) 24
WA3JXN	260	11	(4) 10
KN30	45	3	(3) 5

Rhode Island

KC1CU	10,630	135	(135) 46
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South Carolina

WA0KX/4	14,444	126	(62) 46
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South Dakota

KB0DEE	43,248	351	(114) 53
K0ERN	27,821	234	(179) 43
K0HIU	20,240	183	(74) 46

Tennessee

KE4LTA	83,985	647	(223) 55
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Texas

KS4DA	40,560	260	(260) 52
KSPMG	36,855	273	(273) 45
KSCOP	35,722	291	(92) 53
WA5ITX	21,100	211	(0) 50
W0HNSA/S	18,032	184	(0) 49
WB4KXN/S	17,901	163	(55) 47
AA5LF	14,064	124	(25) 48
KSHTL	9,553	115	(3) 41
WARTK/S	7,650	75	(75) 34
AA5UO	714	21	(0) 17

Utah

KE6IO/7	73,304	543	(223) 56
WE78	65,175	516	(153) 55
WB7TJI	14,233	139	(53) 43

Vermont

K350H	32,193	260	(137) 49
KA1RRX (N/T)	4,970	71	(0) 35

Virginia

K48AH	35,760	290	(165) 48
K4CC (K7SV, 0P)	34,128	246	(140) 54
W4SMH	16,000	134	(134) 40
W4JED	12,502	123	(0) 47
WBNA/W4	546	16	(0) 14

Washington

KE700	57,640	464	(149) 55
WA0RJT/7	11,096	104	(84) 38
K755	10,296	115	(56) 36
K7MA	7,326	74	(74) 33

West Virginia

KE0FS	20,728	252	(20) 54
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Wisconsin

WB0SKH/9	160,080	1280	(200) 58
W7ICH (N/T)	10,360	180	(0) 51
W9JAK	16,416	171	(0) 48
K9JIG	9,720	108	(0) 45
KB9ARA (N/T)	9,436	115	(0) 41
KA9FOX	8,379	76	(11) 33
WB9QFX	3,504	56	(0) 32
KA9USV	3,432	44	(0) 39
W9C/M9	2,700	45	(0) 30
W9ME	1,311	23	(23) 19

Wyoming

K7HG	164	8	(00) 6
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Quebec

VE2AOP	17,014	139	(84) 47
VE2UL	3,660	54	(14) 30
VE2AB0	3,240	40	(40) 27

Quebec

VE3ER	22,572	174	(165) 44
VE30L	17,114	162	(74) 43
VE30BU	13,250	132	(1) 50
VE3HX	6,368	77	(45) 32
VE3TJL	1,544	34	(0) 23
VE3LPM	1,134	54	(0) 21

Manitoba

WVE4VV	47,358	363	(153) 54
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Saskatchewan

VE5AGR	8,876	64	(13) 36
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British Columbia

WVE7HTT (aka WA4VEF)	114,956	878	(226) 58
VE7EKS	2,683	41	(41) 21

Africa

SM0TU	340	14	(6) 10
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Gila

*JH7WED	20,584	173	(92) 47
JP18JR	5,841	59	(59) 33
JM1UUT	5,390	77	(0) 35
JAXLON	2,064	43	(0) 24
JAPCJ3	720	15	(15) 16
JH6XF	432	12	(12) 12
JL1HWI	390	15	(0) 13
J6216Y	390	13	(13) 10
JR21RC	0	2	(0) 2
JL1XUH	2	1	(0) 1
JR0FLY	2	1	(0) 1

Europe

44U11TU (N6TR, OP) 57,772 467 (177) 52
 LT2NW (LT2BKU, OP) 46,020 361 (163) 52
 LT220 (LYR1751, OP) 20,200 300 (0) 47
 60RFO 24,451 198 (103) 49
 DF150 20,900 215 (53) 44
 DL4RX 20,090 151 (108) 49
 EA4CDT 9,750 113 (12) 41
 DL7CS 8,532 79 (79) 36
 G31ZJ 6,020 86 (19) 35
 LY1BZB (LY2BRP, OP)

4,402 66 (45) 26
 SNOCCH 3,807 47 (47) 27
 T3JVL 3,534 58 (0) 31
 SASDOC 3,480 52 (40) 30
 IX4GMH 2,916 54 (0) 27
 LT2BZ 1,326 26 (26) 17
 PA3EMM 512 16 (0) 16
 DR8VN 448 16 (0) 14
 TU7KA 420 13 (9) 12
 LT1BYL 270 11 (0) 9

Check Log

EBAGN (+K1BU, M8JRM, K8BECG, W8ID,
 K8MJZ, K8CEK, K8OPF, K8JRM)
 (N/A) Approx: 893 QSOs by 58
 Mills. Computer crash.

South America

LU4CF 9,652 93 (48) 38

W. American DX

AMP4P 8,510 115 (0) 37

1991 ARRL CW Contest scored by CT (from K1EA) as if every report in the CW bands on our Cluster during the contest was logged and worked:

BAND	QSO	QSO PTS	COUNTRIES	"DUPS"
160	16	48	12	2
80	54	162	33	50
40	139	417	65	127
20	241	723	85	234
15	191	573	92	200
10	227	678	83	255
Totals	868	2601	370	868

Score (ARRL CW 1991) (2601 * 370) = 962,370

NOTE: In this case, dups are NOT bad!

Number of DX spots called in for each call sign. (DXC by N4TL)

83 calls counted from 16-Feb-1991 to 17-Feb-1991 (ARRL CW Contest)

BIG GUNS (Good Show, guys!):

142 AD6E 132 W6OAT 117 W6GO 113 NE1P

SUPER EFFORT: (Thanks from everyone):

111 K6AYA 106 AA6YD 73 N6RA 58 N6ST
 44 W6DHS 42 KD6AZ 38 N16T 36 WA8LLY
 36 W8AKS 33 W6ROY 32 AA6RE 31 K6LTS
 27 NW6P 26 WZ6Z 26 AF6S 25 KA6ING

THE BIG GUNS COULDN'T HAVE DONE IT WITHOUT:

25 NT7E	24 N6JV	24 KK0M	22 W1FER
21 K6PET	21 W6ISQ	20 W6ED	20 WA6ALZ
19 W6JD	19 N6FS	19 AA6PV	15 K6CXT
14 N6ULU	14 K4TKM	14 NA6B	13 VE3SUN
11 W6FAH	10 WA9WYB	9 WA7UTM	9 N6LFX
9 KN6J	8 WA6AUE	8 W6TI/R	7 W6OSP
7 K6LLK	6 NC7K	6 W6OTC	6 N3AHR
5 A16L	5 WA6SDM	5 W6TEX	5 WW6J
4 K16YB	4 AA6Z	4 KJ6DL	4 AA6GH
4 KJ6NZ	3 AA6KX	3 K6ILM	3 W6KH
3 AA6YQ	3 KF6A	3 AA6BR	3 N6EA
3 N0DJJ	2 K6G6F	2 WY8T	2 KD6PY
2 N6RD	2 K6KED	2 N6RIS	1 W6HIB
1 N6QR	1 K6KAP	1 N6BL	1 K16EZ
1 K6DYP	1 WB6AFJ	1 KJ6PJ	1 KJ6GQ
1 KK6H	1 WA6IZT	1 W6HBK	0

There were 125 Countries called out and there were 1736 Callouts.

This report was prepared as a result of the positive comments received about this report as prepared for the 1990 CDWW contests.

A special thanks to those stations who entered their share of announcements into the cluster. If you participated in the contest and received a benefit from the cluster, your call should appear above as one of those who returned the benefit to the network. Turn about is fair play!

(W6GO 2/18/91)

KA6ING de K6LLK 16-Feb 1547Z)

ARRL-CW and SPRINT SCORES and COMMENTS....By BOB, N6TV.

ARRL DX CW Claimed Scores:

Call	Qs	Ms	Score	Categ.
W1FEA(+K2BA)	2671	338	2707380	M/2
W26Z	(sorry, misplaced)			
N6RO(+K3EST, W6RGG, KI6EZ)	2075	329	2048025	M/S
N6TV	1848	306	1694464	S/O
GOMFO(AA6MC, op.)	1886	232	1312656	S/O
NF6S	1087	250	815250	M/S
N6EK	1165	210	733950	S/O
NC7K	1036	224	696192	150w
AD6E	616	229	423192	120w
WN4KQN(at N6RZ)	1311	99	389367	15m
W6BIP	422	222	281052	S/A
N6TU	865	95	246525	10m
AA6QY	424	148	188256	S/O
W6FRH	125	84	31500	S/A
WA6SDM	68	44	8976	S/A

Other Scores:

4U1ITU(N6TR, op.)	3600	?	2900000	S/O
N6AA(+N6ZZ, N6TJ)	1518	315	1434510	M/S
W6UE(KA6SAR, op.)	?	?	970000	S/O
K6NA	220	55	36300	80m
WZGZ(+KØRF)	3122	335	2,256,735	

Miscellaneous Contest Claimed Scores:

ARRL 160	N6RO	393 x 75	= 62275
CO 160 SSB	WN4KQN/6	73 x 27	= 4347
CO 160 CW	WN4KQN/6(+N6RZ)		
		223 x 49	= 25921
NA QSO Party:			
CW	WN4KQN/6	214 x 92	= 19688
SSB	WN4KQN/6	18 x 13	= 234
NA Sprint SSB	WN4KQN/6	148 x 42	= 6216

NCCC Bylaws Article III, Section 2:

"All new members must demonstrate an interest in contesting."

Looks like Trey takes these bylaws very seriously!

He Knows Your Name (4U1ITU)

How did the operator at 4U1ITU know your name? The operator was none other than Larry "Tree" Tyree, N6TR. Tree called me on the telephone from FRANCE a few days before the ARRL DX contest and had me read the entire NCCC roster to him. Then I went through the NCDXC roster. Tree entered all the calls and first names into his computer. He's got a program that automatically sends "GA BOB," "GM JACK" etc. depending on the station's call and time zone!

Next time Tree says hi, come back with "HI LARRY." That ought to throw his computer program into a loop.

Operator at 4U1ITU for the Phone weekend of the ARRL DX is scheduled to be new NCCCer Dick, AA6MC (aka GOMFO). KB OM!

North American Sprint CW Scores:

Call	Qs	Ms	Score
N6TV	310	42	13020
WN4KQN(at W6QHS)	323	40	12920
N6IG	303	40	12120
N7NG	290	39	11310
W0ZZ	262	41	10742
N6RO	274	39	10686
WA6AUE	273	39	10647
AJ6V	228	39	8892
W6RGG	249	35	8715
N1EE/6	228	38	8664
W6XX	228	38	8664
W1FEA	227	?	?
N6TIB	226	36	8136
AD6E	208	39	8112
W6OAT	140	35	4900

Mail Sprint logs to (new address):

Trey Garlough, WN4KQN
330 Walnut Ave.
Santa Cruz, CA 95060-3643



FOUNDING
FATHERS
(From left)
WA6DKF (N6RO)
W6RGG (eating again)
W6CUF (W6CF)
K6EBB
K6CQF (K6PU)
K6AUC

CONTEST CONTEST CONTEST CONTEST CONTEST CONTEST CONTEST CONTEST
EVERYONE A WINNER!

How the Jug Got Its Name

+---+

Jim Maxwell, W6CF
(First editor of the Jug)

How did the Jug get its name? People keep asking Herr Professor Prez, W6ISQ, where the name came from. Herr Professor Prez, W6ISQ, having just graduated from the International Correspondence School Academy of Management, knows how to answer such questions effortlessly and quickly - pass the buck to someone else. So here I am, pounding on a keyboard when I'd rather be de-lousing a shipment of old DX bulletins which just arrived.

Sure, I know how the Jug got its name - there are other NCCC members who also know the story. Sure, I can sit down and peck out the facts - one, two, three, bang, bang, bang. End of story. But is there any fun in that?

This is a contest club. Let's have a contest! Write and tell me something about the Jug! Where did its name come from? If you don't know where its name came from, make up a good story! Why is the Jug a good name for the NCCC monthly technical journal? Why is it a lousy name? What are your favorite Jug slogans?

Just so you know this is serious, EVERY NCCC MEMBER WHO SUBMITS AN ENTRY WILL RECEIVE A PRIZE! EVERYONE A WINNER! The prizes will be handsome Jug badges you, your children, and your children's children will treasure forever and ever.

Send your entries to Jim Maxwell, W6CF, P.O. Box 473, Redwood Estates, CA 95044. Packet is OK too. A later Jug article will summarize the results of the contest - and who knows - maybe the REAL story will be included in that article. Please get your entries in no later than March 20!

Remember, EVERYONE A WINNER.

CONTEST CONTEST CONTEST CONTEST CONTEST CONTEST CONTEST CONTEST

DIRECTIONS To:
Pleasanton Hotel
855 Main Street
Pleasanton



FROM:

HAYWARD: 80 to 680 South
680 to Bernal
Bernal East to Main St.
Left Main St.
855 Main St.

MONTERAY: 101 North to 680 North
680 to Bernal
Bernal East to Main St.
Left on Main St.
855 Main St.
(Also spelled Monterey...
.....editor)

HAYWARD: 580 East to Santa Rita Rd.
Right on Santa Rita Rd.
Santa Rita turns into Main St.
855 Main St.

SAN JOSE: 680 North
Bernal Exit go East
Left on Main St.
855 Main St.

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